

**AMENDMENTS TO THE CLAIMS:**

1. (Currently Amended) An electrical conducting cable comprising:
  - (a) a conductive core having terminal lugs at each end;
  - (b) a ~~flexible~~, gas impermeable sheath which is hermetically sealed to each of the terminal lugs, thereby entirely encasing the conductive core.
2. (Original) The cable of claim 1 wherein the conductive core comprises copper, nickel, aluminum, or silver, or alloys thereof.
3. (Original) The cable of claim 2 wherein the conductive core comprises copper.
4. (Currently Amended) The cable of claim 1 wherein the ~~flexible-sheath~~ is flexible and comprises a corrugated metal resistant to oxidation.
5. (Original) The cable of claim 4 wherein the corrugated metal comprises a stainless steel.
6. (Currently Amended) An electrical conducting cable consisting essentially of:
  - (a) a conductive core having terminal lugs at each end;
  - (b) a ~~flexible~~, gas impermeable sheath which is hermetically sealed to each of the terminal lugs.
7. (Original) The cable of claim 6 wherein the conductive core comprises copper, nickel, aluminum, or silver, or alloys thereof.
8. (Original) The cable of claim 7 wherein the conductive core comprises copper.

9. (Currently Amended) The cable of claim 6 wherein the ~~flexible~~ sheath is flexible and comprises a corrugated metal resistant to oxidation.
10. (Original) The cable of claim 9 wherein the corrugated metal comprises a stainless steel.